

IN THE ABSTRACT

Please replace the abstract with the following new ABSTRACT:

ABSTRACT


A digital transmission method ~~of the error-correcting coding type comprises~~ having a coding procedure before transmission and a decoding procedure for obtaining a correction of transmission errors. The ~~said coding procedure comprises~~ includes a plurality of parallel and/or serial related elementary coding steps associated in parallel and/or in series. The decoding procedure is iterative and includes ~~comprises~~, for each iteration, a plurality of elementary decoding steps ~~(51, 52, 53)~~ which correspond ~~corresponding~~ to the ~~said~~ plurality of elementary coding steps ~~and which each generate~~ generating at least one weighted output information item ~~which can be~~ transmitted to one or more ~~other~~ elementary decoding steps.  ~~According to the invention, a~~ A characteristic quantity ~~determination step (54) calculates at least one characteristic quantity is calculated~~ from a set of weighted output information items ~~generated by at least one elementary decoding step (51, 52, 53, 83), and a decoded information quality parameter determination step (55, 85) determines, is determined~~ from the ~~said at least one~~ characteristic quantity and at least one configuration parameter, ~~a decoded information quality parameter associated with a set of decoded information items corresponding to the said set of weighted output information items.~~ The said decoded information quality parameter can be used downstream of the ~~said~~ decoding procedure or ~~even~~ within this decoding procedure.

Fig. 4